

PTO/SB/21 (08-03)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/783,702
Filing Date	2/19/2004
First Named Inventor	Joseph J. Brychell, III
Group Art Unit	
Examiner Name	
Attorney Docket Number	MS1.1612US

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached

<input type="checkbox"/> Amendment / Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)

<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Documents

<input type="checkbox"/> Response to Missing Parts/
Incomplete Application

<input type="checkbox"/> Response to Missing Parts
under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a
Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence
Address
<input type="checkbox"/> Terminal Disclaimer
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<input type="checkbox"/> CD, Number of CD(s)

Remarks | <input type="checkbox"/> After Allowance Communication
to Group
<input type="checkbox"/> Appeal Communication to Board
of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to Group
(<i>Appeal Notice, Brief, Reply Brief</i>)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Other Enclosure(s) (<i>please
identify below:</i>
Form 1449, 75 References,
Return Postcard) |
|--|---|---|

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Michael K. Colby/Reg. No. 45816
Signature	<i>Michael K. Colby</i>
Date	2 Dec 05

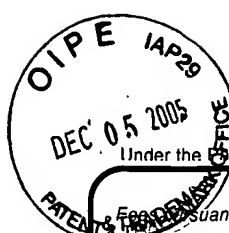
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Melissa Nelson		
Signature	<i>Melissa Nelson</i>	Date	12/21/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.
Fee schedule pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0

Complete if Known

Application Number	10/783,702
Filing Date	2/19/2004
First Named Inventor	Joseph J. Brychell, III
Examiner Name	
Art Unit	
Attorney Docket No.	MS1 1612US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 12-0769 Deposit Account Name: Lee & Hayes, PLLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	50	=			
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
- 3 or HP =	x	200	=			
HP = highest number of independent claims paid for, if greater than 3						

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: _____

SUBMITTED BY

Signature	<i>Michael K. Colby</i>	Registration No. (Attorney/Agent)	45816	Telephone	(509) 324-9256
Name (Print/Type)	Michael K. Colby	Date	2 Dec 05		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2 Serial No. 10/783,702
3 Filing Date 2/19/2004
4 Confirmation No. 5595
5 Inventorship Joseph J. Brychell, III
6 Applicant Microsoft Corporation
7 Group Art Unit
8 Examiner
9 Attorney's Docket No. MS1-1612US
10 Title: Managing XML Documents Containing Hierarchical Database Information

INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

REMARKS

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

Date: 2 Dec 05

By: Michael K. Colby
Michael K. Colby
Reg. No. 45816



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Application Number	10/783,702
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First Named Inventor	Brychell
Art Unit	
Examiner Name	
Attorney Docket Number	MS1 1612US

Sheet 1 of 20

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2001/0056429	12/27/2001	Moore Reagan W.	
		US- 20010024195	9/27/2001	Hayakawa, Keisuke	
		US- 6748385	6/8/2004	Rodkin	
		US- 20010056429	12/27/2001	Moore, Reagan W.	
		US- 20010056460	12/27/2001	Sahota, Ranjit; et	
		US- 2002/0026461	2/28/2002	Kutay et al.	
		US- 2002/0032768	3/14/2002	Voskuil	
		US- 2002/0057297	5/16/2002	Grimes et al.	
		US- 2002/0174147	11/21/2002	Wang et al.	
		US- 20020196288	12/26/2002	Emrani, Ramin	
		US- 2003/0120659	6/26/2003	Sridhar Mandayam Ana	
		US- 2003/0158897	8/21/2003	Ben-Natan Ron	
		US- 20030037303	2/20/2003	Bodlaender, Maarten	
		US- 20030189593	10/9/2003	Yarvin, Curtis G.	
		US- 20030237047	12/25/2003	Borson, Niklas	
		US- 20040205571	10/14/2004	Adler, Sharon C.	
		US- 4514800	4/30/1985	Gruner et al.	
		US- 4641274	2/3/1987	Swank	
		US- 4674040	6/16/1987	Barker et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 0841615	11/4/1999	INT COMPUTERS LTD		
		EP 0961197	12/1/1999	HEWLETT PACKARD		
		EP 1076290	2/14/2001	SUN MICROSYSTEMS		
		JP 3191429	1/1/2000			
		WO 01/44934	6/21/2001	SUN MICROSYSTEMS		
		WO 99/24945	5/20/1999	KONINKLIJKE PHILIPS		

Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/783,702
Filing Date	2/19/2004
First Named Inventor	Brychell
Art Unit	
Examiner Name	
Attorney Docket Number	MS1 1612US

Sheet 2 of 20

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US- 4739477	4/19/1988	Barker et al.	
		US- 4815029	3/21/1989	Barker et al.	
		US- 4910663	3/20/1990	Bailey	
		US- 4933880	6/12/1990	Borgendale et al.	
		US- 4962475	10/9/1990	Hernandez et al.	
		US- 5072412	12/10/1991	Henderson Jr. et	
		US- 5187786	2/16/1993	Densmore et al.	
		US- 5191645	3/2/1993	Carlucci et al.	
		US- 5195183	3/16/1993	Miller et al.	
		US- 5204947	4/20/1993	Bernstein et al.	
		US- 5206951	4/27/1993	Khoyi et al.	
		US- 5237680	8/17/1993	Adams et al.	
		US- 5249275	9/28/1993	Srivastava	
		US- 5274803	12/28/1993	Dubin et al.	
		US- 5297249	3/22/1994	Bernstein et al.	
		US- 5297283	3/22/1994	Kelly Jr. et al.	
		US- 5313631	5/17/1994	Kao	
		US- 5313646	5/17/1994	Hendricks et al.	
		US- 5317686	5/31/1994	Salas et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 99/56207	11/4/1999	INTERVU INC.		

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		Number-Kind Code ² (if known)			
		US- 5333317	7/26/1994	Dann	
		US- 5339423	8/16/1994	Beitel et al.	
		US- 5339424	8/16/1994	Fushimi	
		US- 5341478	8/23/1994	Travis Jr. et al.	
		US- 5369766	11/29/1994	Nakano et al.	
		US- 5369778	11/29/1994	San Soucie et al.	
		US- 5371675	12/6/1994	Greif et al.	
		US- 5377323	12/27/1994	Vasudevan	
		US- 5381547	1/10/1995	Flug et al.	
		US- 5390325	2/14/1995	Miller	
		US- 5408665	4/18/1995	Fitzgerald	
		US- 5410688	4/25/1995	Williams et al.	
		US- 5434975	7/18/1995	Allen	
		US- 5436637	7/25/1995	Gayraud et al.	
		US- 5440744	8/8/1995	Jacobson et al.	
		US- 5446842	8/29/1995	Schaeffer et al.	
		US- 5459865	10/17/1995	Heninger et al.	
		US- 5481722	1/2/1996	Skinner	
		US- 5504898	4/2/1996	Klein	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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		Number-Kind Code ² (if known)			
		US- 5517655	5/14/1996	Collins et al.	
		US- 5535389	7/9/1996	Elder et al.	
		US- 5542070	7/30/1996	LeBlanc et al.	
		US- 5550976	8/27/1996	Henderson et al.	
		US- 5551035	8/27/1996	Arnold et al.	
		US- 5572643	11/5/1996	Judson	
		US- 5572648	11/5/1996	Bibayan	
		US- 5577252	11/19/1996	Nelson et al.	
		US- 5581686	12/3/1996	Koppolu et al.	
		US- 5581760	12/3/1996	Atkinson et al.	
		US- 5602996	2/11/1997	Powers III et al.	
		US- 5608720	3/4/1997	Biegel et al.	
		US- 5627979	5/6/1997	Chang et al.	
		US- 5630126	5/13/1997	Redpath, Richard J.	
		US- 5634121	5/27/1997	Tracz et al.	
		US- 5640544	6/17/1997	Onodera et al.	
		US- 5659729	8/19/1997	Nielsen	
		US- 5664178	9/2/1997	Sinofsky	
		US- 5669005	9/16/1997	Curbow et al.	

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		Number-Kind Code ² (if known)			
		US- 5682536	10/28/1997	Atkinson et al.	
		US- 5689703	11/18/1997	Atkinson et al.	
		US- 5706501	1/6/1998	Horikiri et al.	
		US- 5717939	2/10/1998	Bricklin et al.	
		US- 5721824	2/24/1998	Taylor	
		US- 5740439	4/14/1998	Atkinson et al.	
		US- 5742504	4/21/1998	Meyer et al.	
		US- 5745683	4/28/1998	Lee et al.	
		US- 5758184	5/26/1998	Lucovsky et al.	
		US- 5758358	5/26/1998	Ebbo	
		US- 5761408	6/2/1998	Kolawa et al.	
		US- 5761683	6/2/1998	Logan et al.	
		US- 5764984	6/9/1998	Loucks	
		US- 5764985	6/9/1998	Smale	
		US- 5778372	7/7/1998	Cordell et al.	
		US- 5784555	7/21/1998	Stone	
		US- 5798757	8/25/1998	Smith	
		US- 5801701	9/1/1998	Koppolu et al.	
		US- 5802304	9/1/1998	Stone	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Application Number	10/783,702
Filing Date	2/19/2004
First Named Inventor	Brychell
Art Unit	
Examiner Name	
Attorney Docket Number	MS1 1612US

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U. S. PATENT DOCUMENTS

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		US- 6691281	2/10/2004	Sorge et al.	
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		US- 6701434	3/2/2004	Rohatgi	
		US- 6711679	3/23/2004	Guski et al.	

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Application Number	10/783,702
Filing Date	2/19/2004
First Named Inventor	Brychell
Art Unit	
Examiner Name	
Attorney Docket Number	MS1 1612US

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U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US-			
		US- 6751777	6/15/2004	Bates	
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		US- 6774926	8/10/2004	Ellis, et al.	
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		LEBLOND et al, "PC Magazine Guide to Quattro Pro for Windows", pp. 9-11, 42-61, Ziff-Davis Press, Copyright 1993 by the LeBlond Group.	
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				Filing Date	2/19/2004
				First Named Inventor	Brychell
				Art Unit	
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				Attorney Docket Number	MS1 1612US

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		Han et al., WebSplitter: A Unified XML Framework for Multi-Device Collaborative Web Browsing, 2000, ACM Conference on Computer Supported Cooperative Work, 10 pages	
		IBM: Stack Algorithm for Extractin Subtree from Serialized Tree, March 1, 1994, TDB-ACC-NONN94033, 3 pages	

Examiner Signature		Date Considered	
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